

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20050005412"	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 21:52
L2	4	29/407.02,407.01,407.09,701,707,709, 714.ccls. and multiple adj spindle	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 21:53
L3	4	81/467.ccls. and multiple adj spindle	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 21:53
L4	39	408/45,16.ccls. and multiple adj spindle	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 21:53
L5	0	451/196.ccls. and multiple adj spindle	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 21:53
S1	0	spindle adj positioning adj apparauts	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/12/25 12:42
S2	12	spindle adj positioning adj apparatus	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/12/25 13:35
S3	2	"4741078".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/12/25 12:54
S4	19	("1878707"   "4102035"   "4359814"   "4392642"   "4505464"   "4571799"   "4658485"   "4761876"   "4856178"   "4893398"   "4951802"   "4953306"   "4973819"   "4985651"   "4987668"   "5131136"   "5187846"   "Re31288"). PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 13:18
S5	4241	fixed movable spindle	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 13:18

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S6	552	fixed movable spindle plate	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 13:19
S7	1	fixed movable spindle plate robot\$3	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 13:18
S8	14	fixed movable spindle plate actuator	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 13:25
S9	26	multiple adj spindle fixed movable	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 13:25
S10	650	spindle adj positioning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/12/25 14:22
S11	12	spindle adj positioning second adj spindle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/12/25 14:08
S12	2	"5314397".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/12/25 14:09
S13	17	("5314397").URPN.	USPAT	WITH	ON	2006/12/25 14:09
S14	24	("2271848"   "2393696"   "2415269"   "2877670"   "3575086"   "3618265"   "3967816"   "4162065"   "4218161"   "4594038"   "4729192"   "4730373"   "4771521"   "4915551"   "5081889"   "5105693"   "5105696"   "5314397"   "5839323").PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 14:13
S15	2	spindle adj positioning ball adj screw	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/12/25 14:22
S16	2	("5421683").URPN.	USPAT	WITH	ON	2006/12/25 14:25

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S17	6	second adj spindle mounting adj plate	USPAT	WITH	ON	2006/12/25 14:27
S18	704	multiple adj fastener	USPAT	WITH	ON	2006/12/25 14:27
S19	63	multiple adj fastener plate	USPAT	WITH	ON	2006/12/25 14:31
S20	1	multiple adj fastener plate spindle	USPAT	WITH	ON	2006/12/25 14:27
S21	39	multiple adj spindle plate	USPAT	WITH	ON	2006/12/25 14:31
S22	10	("3546978"   "3822958"   "4123191"   "4198181"   "4400120"   "4419803"   "4596717"   "4850754"   "4917548").PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 14:34
S23	4	("4198181").URPN.	USPAT	WITH	ON	2006/12/25 15:17
S24	10	("3546978"   "3822958"   "4123191"   "4198181"   "4400120"   "4419803"   "4596717"   "4850754"   "4917548").PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 15:24
S25	49	fixed adj spindle movable adj spindle	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 15:32
S26	0	("2900844").URPN.	USPAT	WITH	ON	2006/12/25 15:29
S27	0	("2900844").URPN.	USPAT	WITH	ON	2006/12/25 15:29
S28	505	spindle adj positioning	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 15:32
S29	31	spindle adj positioning plate	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 15:32
S30	3	("3290966").URPN.	USPAT	WITH	ON	2006/12/25 16:14
S31	39	("20050254913"   "2283240"   "2404149"   "2603040"   "3199385"   "3290966"   "3374710"   "3389727"   "3443399"   "3582226"   "3628290"   "3643546"   "3652175"   "3670587"   "3673918"   "3747470"   "4094174"   "4248559"   "4441352"   "4545706"   "4613000"   "4645387"   "4831858"   "4836723"   "4901551"   "5143493"   "6109842"   "6280126"   "6345942"   "6382888"   "6537000").PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 16:14
S32	5	("3443399").URPN.	USPAT	WITH	ON	2006/12/25 17:04
S33	2702	fixed adj spindle	USPAT	WITH	ON	2006/12/25 17:04
S34	263	fixed adj spindle plate	USPAT	WITH	ON	2006/12/25 17:04
S35	9	fixed adj spindle mounting adj plate	USPAT	WITH	ON	2006/12/25 17:07
S36	6	second adj spindle mounting adj plate	USPAT	WITH	ON	2006/12/25 17:10
S37	1	"6412156".pn.	USPAT	WITH	ON	2006/12/25 17:10

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S38	10	("3546978"   "3822958"   "4123191"   "4198181"   "4400120"   "4419803"   "4596717"   "4850754"   "4917548").PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 17:30
S39	2	"3290966".pn.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 17:30
S40	3	("3290966").URPN.	USPAT	WITH	ON	2006/12/25 17:30
S41	39	("20050254913"   "2283240"   "2404149"   "2603040"   "3199385"   "3290966"   "3374710"   "3389727"   "3443399"   "3582226"   "3628290"   "3643546"   "3652175"   "3670587"   "3673918"   "3747470"   "4094174"   "4248559"   "4441352"   "4545706"   "4613000"   "4645387"   "4831858"   "4836723"   "4901551"   "5143493"   "6109842"   "6280126"   "6345942"   "6382888"   "6537000").PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 17:31
S42	406	mounting adj plate robot\$3	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 17:32
S43	4	mounting adj plate robot\$3 spindle	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 17:35
S44	139	29/407.02.ccls.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 17:35
S45	14	29/407.02.ccls. and spindle	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 18:02
S46	1	("4081037").PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 17:36
S47	2	("6047455").URPN.	USPAT	WITH	ON	2006/12/25 17:37
S48	10	multi-spindle robot	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 18:02
S49	2	("4154270"   "5579814").PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 18:14
S50	1	spindle adj positioning robot\$3	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 18:15
S51	602	spindle robot\$3	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 18:15

## EAST Search History

S52	12	multi-spindle robot\$3	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 18:15
S53	14	("3828479"   "4187644"   "4422265"   "4439951"   "4471577"   "4660328"   "4753045"   "4782567"   "5174071"   "5697831"   "5857901"   "6039634"   "6250999"   "6271140").PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/12/25 20:57